

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

SEVERE STORMS DAMAGE CROPS IN CENTRAL MINNESOTA

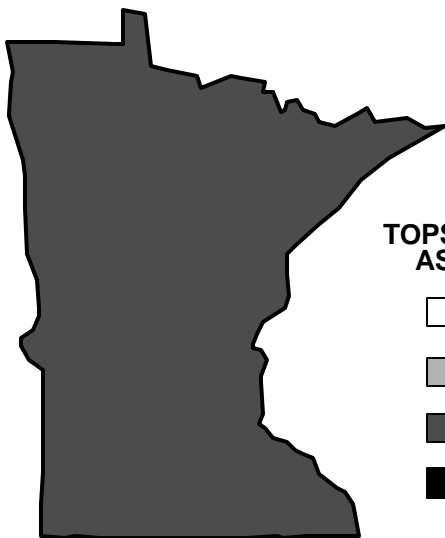
Severe storms on Tuesday, July 25, damaged crops and buildings in the central portion of Minnesota, according to the Minnesota Agricultural Statistics Service. Hail damage was sustained by crops in large portions of Lincoln and Lyon counties and scattered localities primarily in the West Central and Central Districts. Tornadoes damaged the town of Granite Falls and the surrounding fields. In areas undamaged by the most recent round of storms, crops are progressing well under seasonably warm and sunny conditions, and have flourished in the opportunity to dry out from all the rain.

Corn is tasseling or beyond on 93% of the acres, versus 91% for the same date a year ago and 83 % for the 5-year average. An estimated 21% of corn is in milk stage, compared with 17% last year and 15% for the 5-year average. Corn condition is rated as 78% good to excellent.

Soybeans are 92% blooming, versus 89% last year and the 5-year average of 87%. Soybeans setting pods at 40% compares with 27% last year, and 30% for the 5-year average. Soybean condition is rated as 69% good to excellent.

Small grains are mature in most areas, and harvest is picking up speed. Spring wheat is 88% turning ripe or beyond, versus 60% for the 5-year average. Oats are 87% turning ripe or beyond, and barley 93%. An estimated 9% of spring wheat has been combined; 15% of barley, and 26% of oats have been combined. Spring wheat condition rating is 67% good to excellent.

Topsoil moisture conditions across the state were rated 1% very short, 10% short, 84% adequate, and 5% surplus as of Friday.

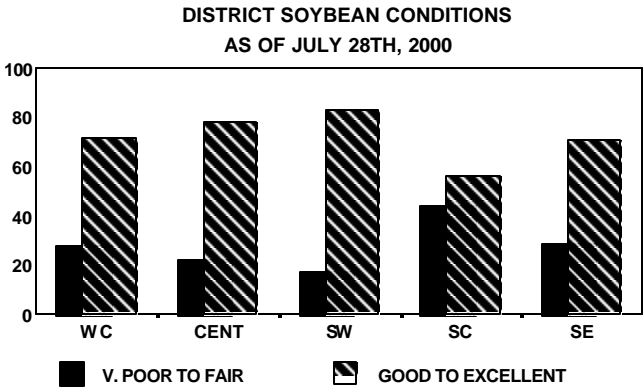


TOPSOIL MOISTURE
AS OF JULY 28TH

Legend:
V. SHORT
SHORT
ADEQUATE
SURPLUS

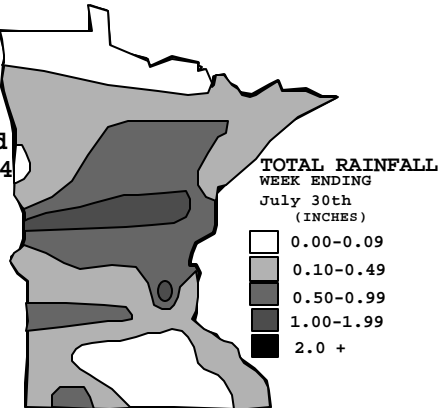
Chris Engen, Christy Meyer
Agricultural Statistician

Days Suitable for Fieldwork: 5.4								
		Very Short	Short	Ade-quate	Surplus			
Topsoil Moisture (%)		1	10	84	5			
Crop Progress as of July 30, 2000								
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week			
-----Percent-----								
Corn	Tasseling	83	91	71	93			
	Milk	15	17	4	21			
	Dough	1	1	NA	1			
Soybeans	Blooming	87	89	73	92			
	Setting Pods	30	27	12	40			
Spring Wheat	Turning ripe	60	72	79	88			
	Harvested	5	5	1	9			
Barley	Turning ripe	58	71	81	93			
	Harvested	7	6	4	15			
Oats	Turning ripe	83	87	78	87			
	Harvested	17	16	16	26			
Winter Wheat	Harvested	22	18	7	20			
Sweet Corn	Harvested	5	3	2	5			
Rye	Harvested	40	34	17	37			
Crop Condition as of July 28th in %								
	V.Poor	Poor	Fair	Good	Exc.			
Pasture	1	4	26	58	11			
Barley	4	6	20	49	21			
Spring Wheat	4	7	22	46	21			
Oats	0	4	23	53	20			
Corn	1	2	19	55	23			
Soybeans	1	5	25	52	17			
Dry Beans	5	14	41	33	7			
Potatoes	2	6	27	47	18			
Sunflowers	2	11	30	48	9			
Canola	3	4	18	40	35			
Sugarbeets	1	4	17	52	26			
Turning Ripe as of July 28th in %								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Spring Wheat	84	60	92	97	60	99	98	98
Barley	90	65	94	96	62	99	99	99
Oats	79	56	93	95	70	99	96	97
Corn Tasseling and Soybeans Blooming as of July 28th in %								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn	75	65	90	86	55	92	98	96
Soybean	82	70	88	88	55	92	94	98



Michael Hunst
State Statistician

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JULY 30,2000:
Temperatures averaged from 1.7 degrees below normal in the Southwest and Southeast Districts to 2.6 degrees above normal in the Northwest and North Central Districts. Extremes: 51° in Duluth and Fergus Falls; 90° in Moorhead. Precipitation averaged from 0.88 inch below normal in the South Central District to 0.04 inch below normal in the West Central District. Greatest weekly total was 1.35 inches.



Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum to 50 degrees.

Precipitation and Temperature Summary for 07/24/2000 through 07/30/2000

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since Apr 28	Depart from Norm
<u>NW DIST 1</u>										
Crookston	87	52	71.8	1.4	.17	-.43	.73	.98	1292	-53
Moorhead	90	56	74.0	2.2	0	-.59	.01	8.33	1368	-58
Warroad	86	56	72.0	4.2	.08	-.59	-1.09	1.30	1136	-20
<u>NC DIST 2</u>										
Grand Rapids	89	55	71.0	3.4	.69	-.15	-1.97	-1.09	1243	72
Intl. Falls	87	55	70.2	3.1	.02	-.72	-.99	-.42	1074	-59
Itasca	84	55	69.3	1.3	.83	.11	-.79	-.24	1153	-29
<u>NE DIST 3</u>										
Duluth	81	51	66.7	-.1	.24	-.57	-.42	-.50	968	-61
Grand Marais	72	52	63.8	.9	.43	-.27	-1.68	-2.94	540	-195
Hibbing	88	52	69.4	3.4	.76	-.07	-.37	.07	1106	54
<u>WC DIST 4</u>										
Alexandria	83	58	70.0	-2.0	.95	.28	-.45	-3.24	1279	-161
Browns Valley	85	57	69.4	-3.3	.12	-.47	2.82	1.39	1409	-75
Canby	87	58	72.6	-1.8	.60	-.16	1.55	3.68	1558	-53
Fergus Falls	86	51	71.8	.5	1.35	.66	1.07	1.16	1395	2
Montevideo	86	58	71.0	-1.8	.30	-.32	-.58	.18	1505	-43
Morris	86	56	70.7	-.5	.50	-.24	.79	1.15	1426	-4
<u>CENT DIST 5</u>										
Becker	87	59	72.2	1.6	.84	.00	.30	-2.14	1482	104
Hutchinson	88	53	72.3	-.4	.23	-.52	1.73	1.83	1642	99
Olivia	87	56	70.9	-2.3	.81	.07	.81	1.52	1496	-99
St. Cloud	86	53	69.9	-.6	.94	.26	-.19	-3.48	1354	-15
Staples	84	56	69.6	.3	1.01	.29	.89	1.11	1248	-33
Willmar	87	52	71.4	-.7	.13	-.59	-.48	-1.50	1461	-49
<u>EC DIST 6</u>										
Aitkin	84	53	70.3	1.6	.99	.08	-1.11	.26	1189	-45
Cambridge	83	55	68.0	-2.6	.67	-.15	2.23	.91	1238	-147
MSP Airport	86	62	72.9	-1.0	1.12	.34	2.22	3.05	1574	-27
St. Paul - UofM	86	62	73.0	-1.2	.34	-.50	1.91	.90	1635	-34
<u>SW DIST 7</u>										
Lamberton	85	58	71.4	-1.0	.02	-.75	-.03	1.83	1537	-35
Pipestone	86	54	71.1	-.8	.14	-.58	-1.49	1.63	1499	29
Redwood Falls	89	60	73.2	-.8	.24	-.64	.33	1.68	1595	-73
Worthington	83	57	69.8	-1.9	.77	-.02	-.52	.72	1508	8
<u>SC DIST 8</u>										
Faribault	84	52	70.6	-1.4	.08	-.88	.12	5.16	1457	-50
Waseca	85	59	71.8	.5	.05	-.90	1.44	6.90	1570	71
Winnebago	84	53	70.8	-1.3	.05	-.87	1.75	6.59	1553	14
<u>SE DIST 9</u>										
Preston	79m	52m	65.5m	-5.0m	0m	-.91m	-1.84m	7.53m	1364m	-45m
Red Wing	83	58	71.6	1.3	.17	-.77	.15	1.33	1509	150
Rochester	81	57	69.4	-1.7	.23	-.71	.80	12.44	1411	-41
Rosemount	82	60	70.5	-2.1	.16	-.73	4.79	4.09	1521	-39
Winona	86	54	72.1	-.8	.47	-.41	-1.20	2.86	1617	69

m=some data missing

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